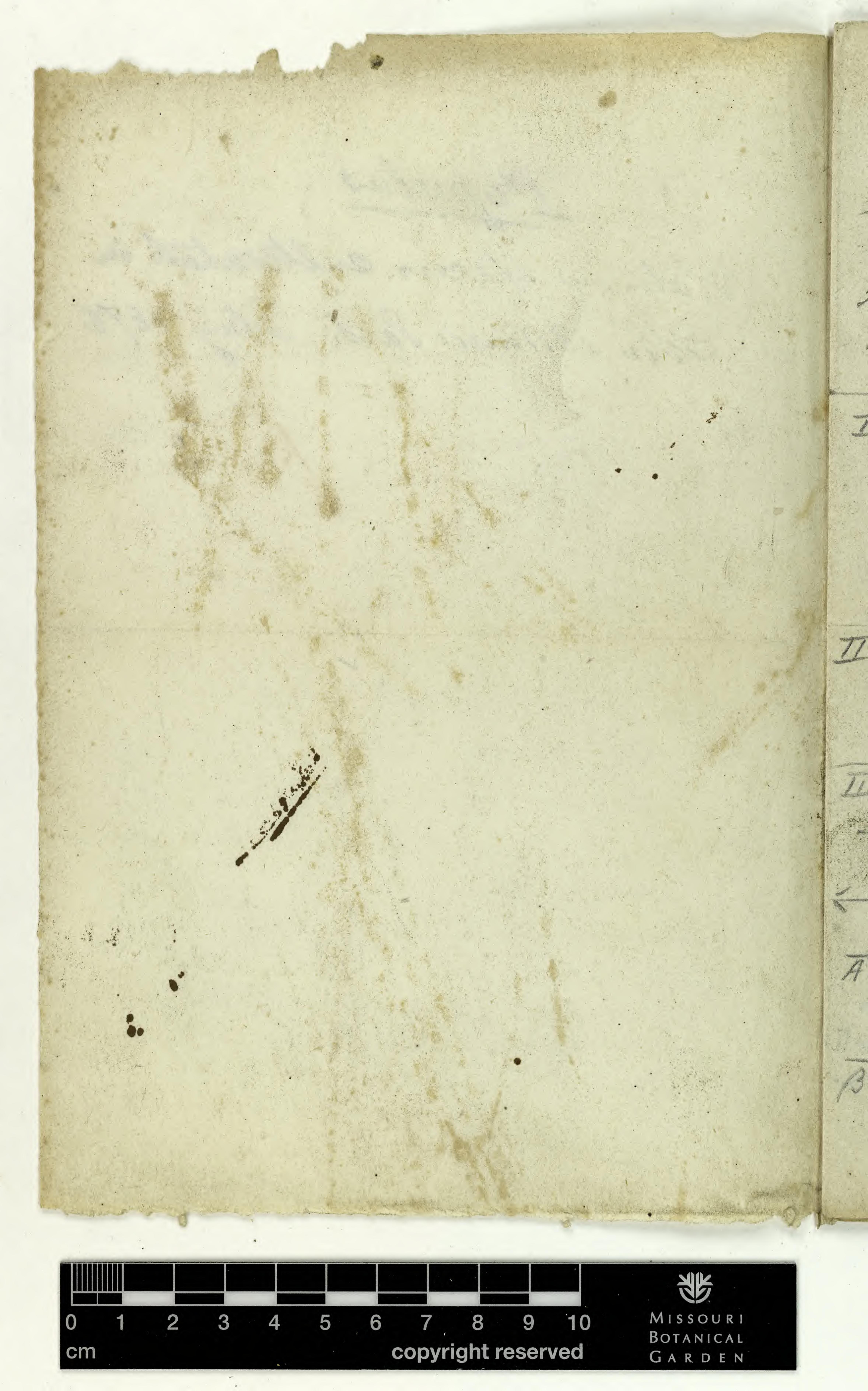


Holes out feeling enthicked in 9/16/30anie Sardi Aday 1876. MISSOURI BOTANICAL copyright reserved cm

GARDEN



Laplus, Long. Braclea & My lower of each in lacinale in the Coming -al Edge. Frale flower compieting & 8 Hamans at friend often mort, Lis will disk more or less oblate to petiole usually confressed. In the reambolle Audroneus They are distribuled in the following exchious by Mrhesunard, page 324, ration Seat. Acollina I semmae pubeocentegranius adultar gabrar, nune paulle viscosse. Rami junivres puberceules, adult interdence gladri, Selich Cereles, Stam 4-8 paro 15. - Palba! Phrindas Phrinders. Mx Porardedoutata. Mex. II Temmar viscosoe, Rami Juniores viscosi, pelesti. Compressi, Stamma 15.30 varius 6-12-L'agrade Pangulala ail. L'eau a seus in My Ill Semme viscosae, rami junione viscosi, Tolia Sub-I Min allida petiolio terretiono, stamina 20-30 Malaniflaa.L. 71. Julanuel divides them as follows. A Poplars with branches willows angles. P. Balgamifria, Palba, Frinuld. Frinklocker Praced Migran. Jashquala, Bolars with author Mariches. BOTANICAL

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cm

The first of the first of alba. 1. Gennis non viscosis (w). Ramis Cer. Etitus tomentoris, policis orpiculationatis angulato-sinuales subhis (valor) tomentous.(2) tremula. I gennis glabris viscorio (M).
Ramis tretibus, folis orbiculatio angulato--derlatio gladicio (2) tremuloides mu genning glabin viccosis(V) Ramis Certiful folis fraiculato acution serration glabrish (8) Scales cut in 3-4 854 linear divisions (Gray) (P. gravea aid) Grandidellita. Men Poetalis superie Compressing John subnotundo-ovalibres accumination whingue glassis, inagualiter sinuato-grandiden-Ombridan villatia (m) vide I con! BOTANICAL

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cm

Levigza. 6 Folis dellaiders, deutation adulles gladria militionet fere concoloritano. Stam. 6-8 genero valla macronia (4) Pagulala Sit. Jeuning flatin and minne violosis-ramulis ramigues augulosis-augulis alato-suberosis, Aanin 20139 Canadensia Dy (Monityfra, ail) grunis Laboris viscosis. Plan. 20-30- Kami Juniores Langulosis vel gelin Spici Phaliandera, Muse, amonto via cocusimio. Ramis junioratus gleibnis incorto abullis.
Cylindricis uclangulosis, Staur. 20-30-(W)

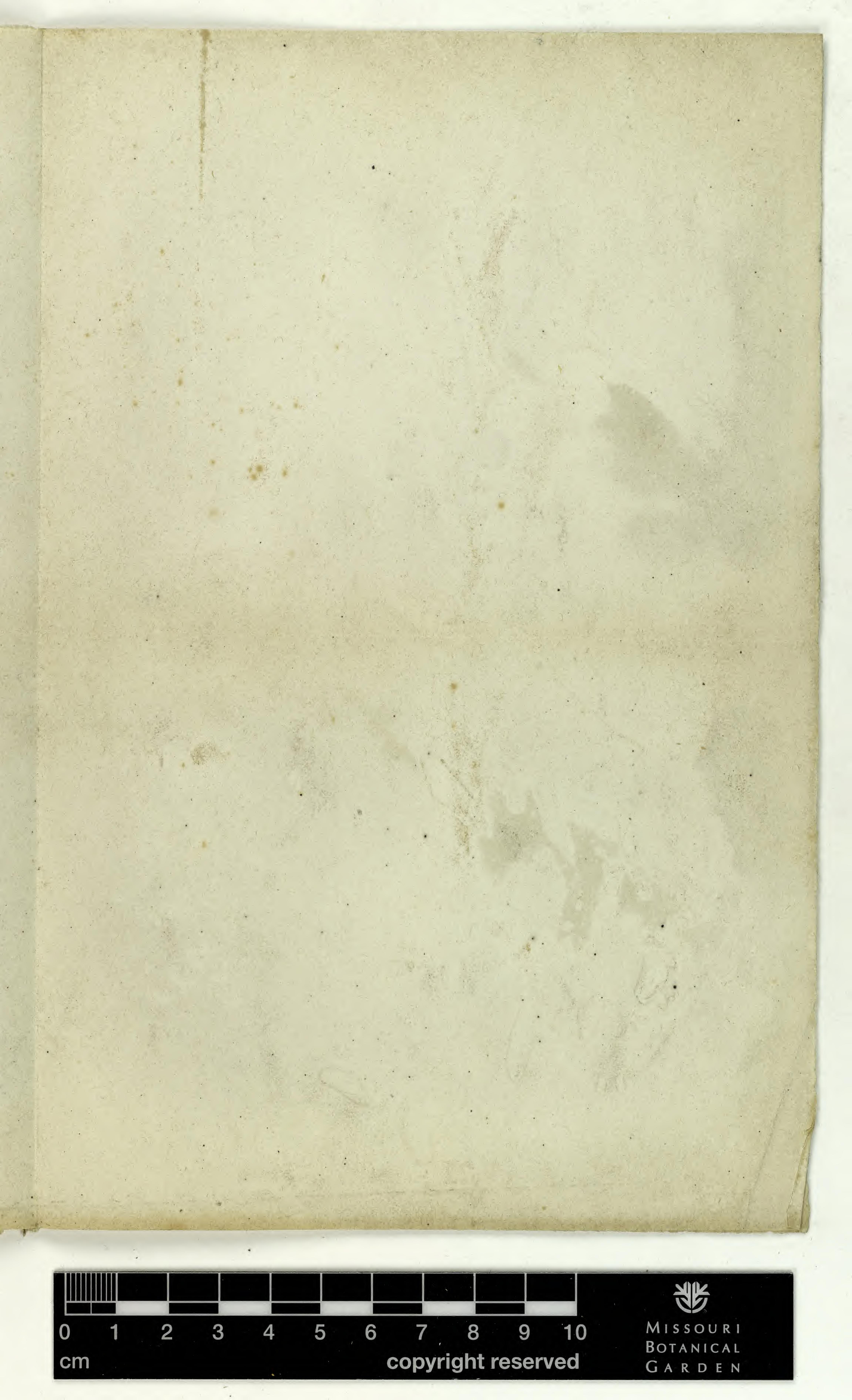
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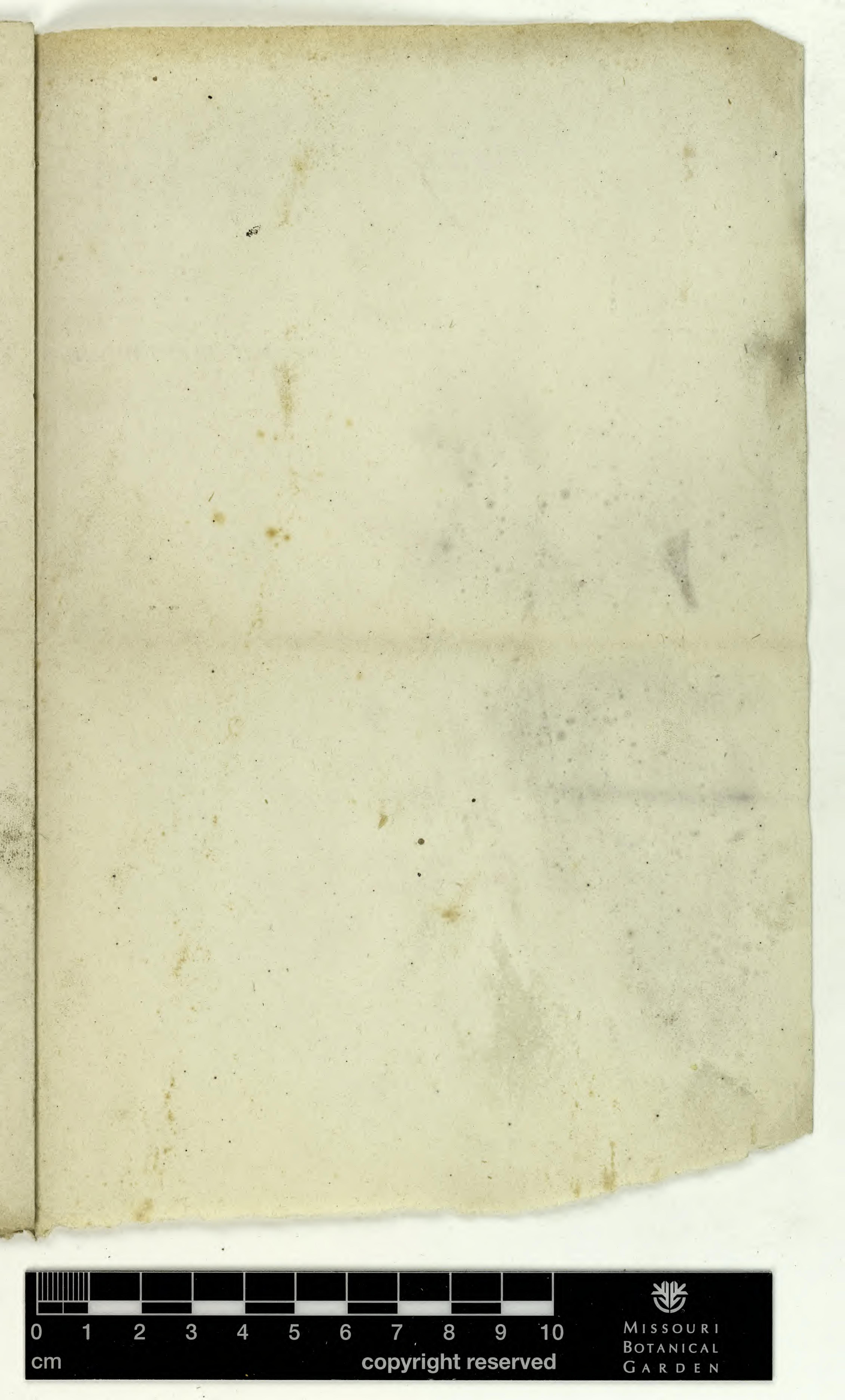
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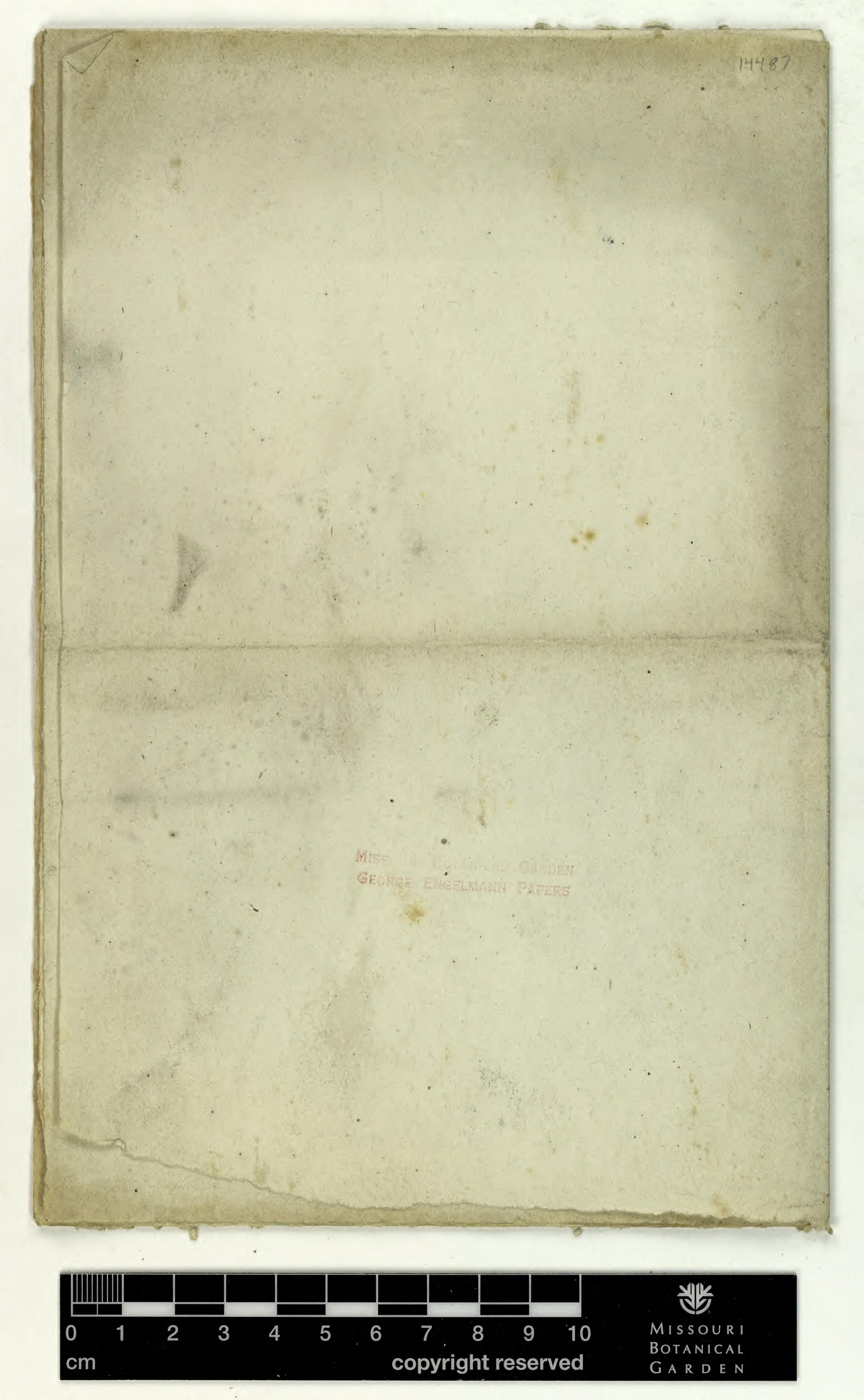
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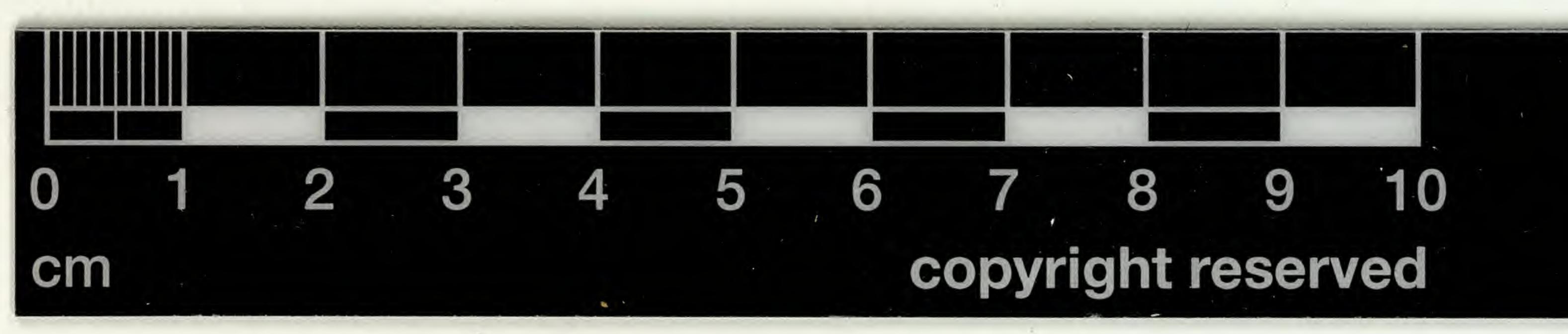




A Polstorf 122 7-Muller 12 Fft - Granns Mhr Strays 76.



# ENNO SANDER, APOTHECARY, CORNER of SECOND and WALNUT STREETS, under Barnum's Hotel, Saint Louis, Mo. MISSOURI POTANICAL GARDEN

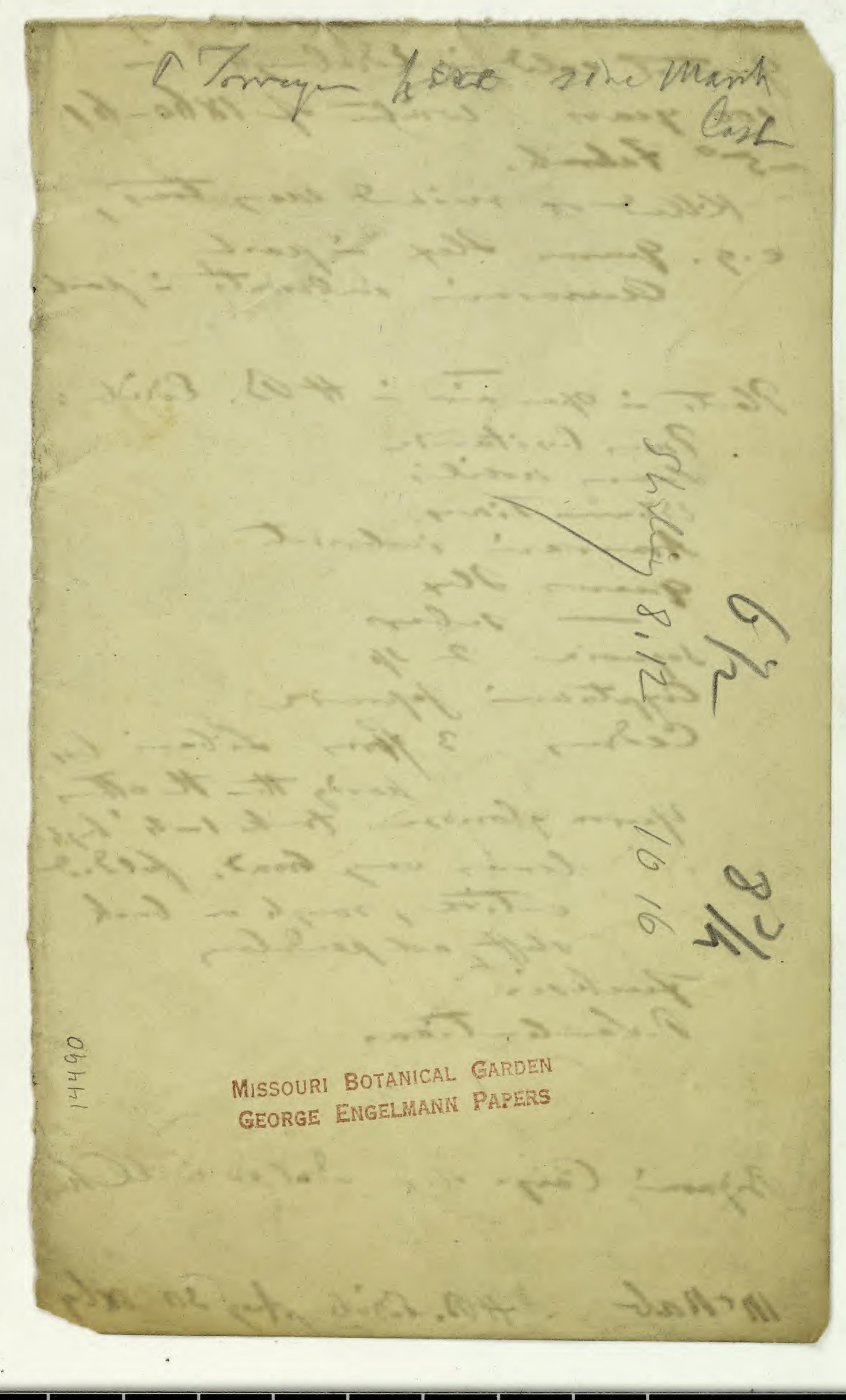




greatest cold i Eshbugh in 100 years, write of 1860-61 -5-° Fahrel. Killed or mind many trees, e.g. Jums Hex i part Querarani sindrotati i fact Hat. i open ain i HOD. Edrib: Jum, las itams dans notil; 156 min Amorani inbut quemos dey ----- July Segmon'a 2/ apploum faponite Cedan 2 forms Liber less hardy the Thomas Yearn glower frek 1-4 'hyl lem, but folde entire, rough on buck Fuchsing P. Landentians Bjuni, Caryn et. Soul de well her 400. Bril An 30 1869



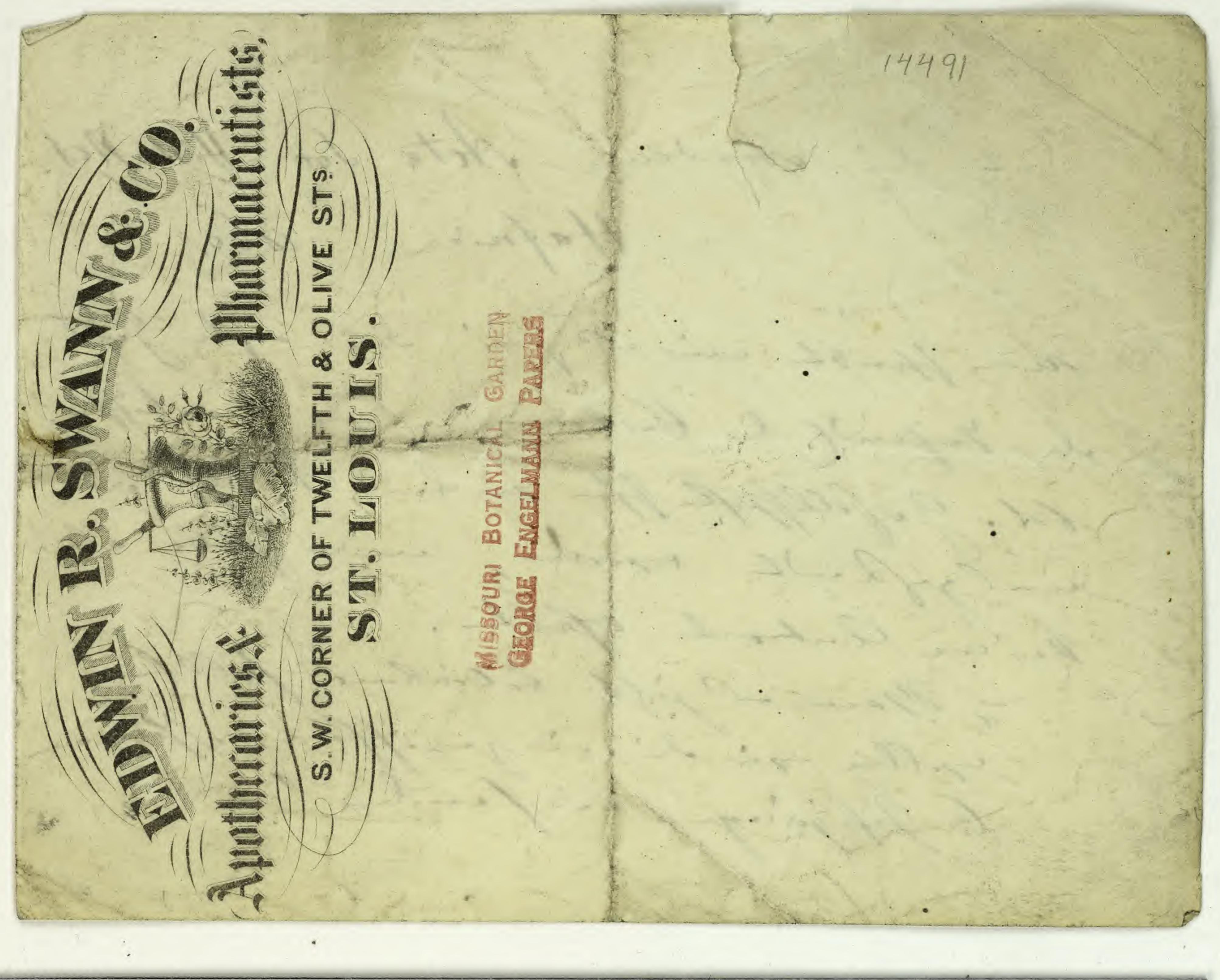






Sal d'Araday Arta Sor Hist. Met.
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Sartura Scariola

Sidomi Ju 25 1878

Lower side 40-45 stomety - field of 280 mignifights

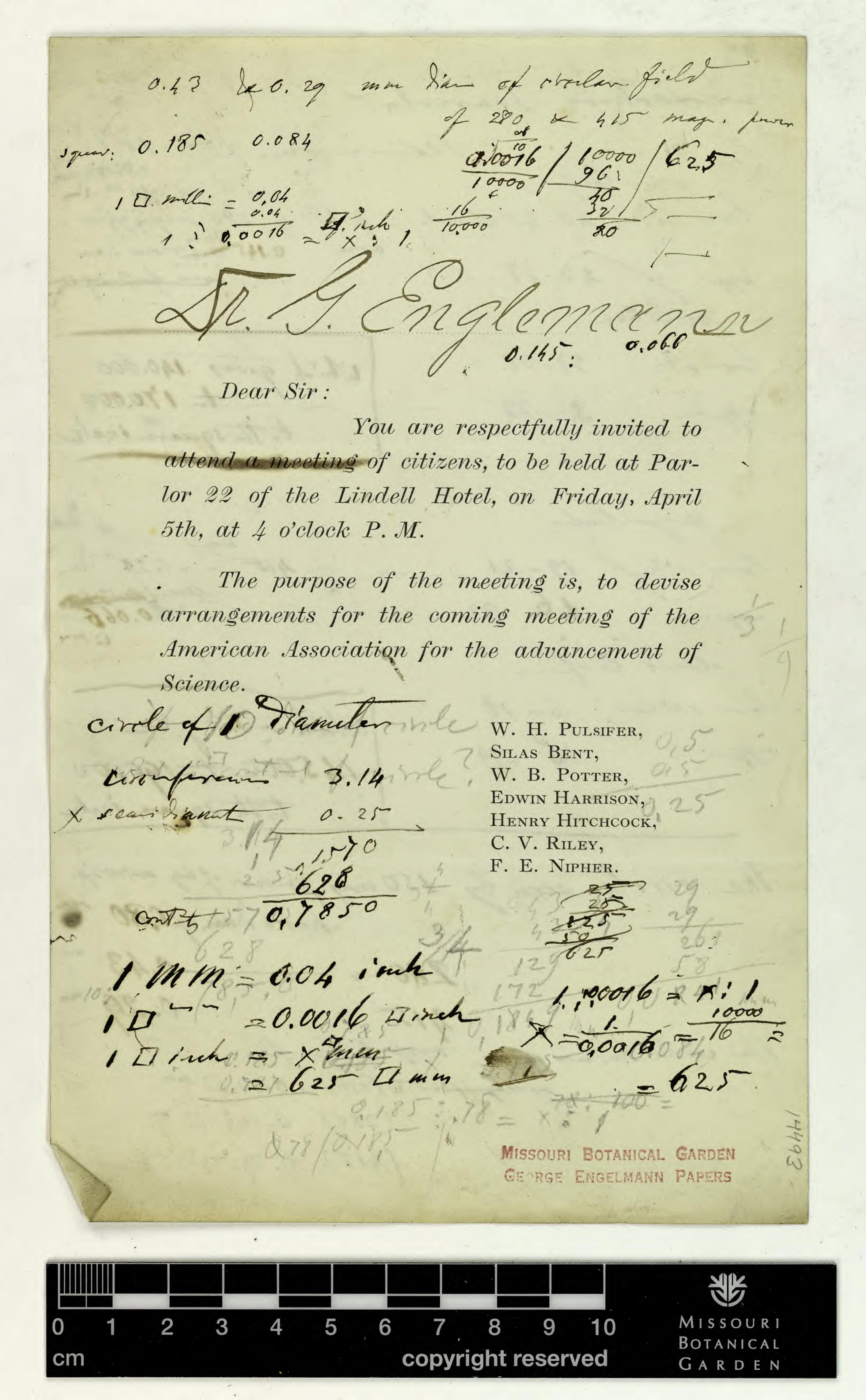
area 0.145 0.43 mm lan.

upp " 43-47 m. , doin of 0.29 th. oldest leaf Which gives 140.000

to 170.000 lower, ile. 37-38 totta square inch Jon Caff. 26 22 oldert lenf love 1,22 16- 18 Which would give 145000 to 190000 inch The circle seen by 150 may power of my missosp. has a diam, of 0,80 mm 280 4 . O.43 O. 29 415 This civile has a area respectible as magnifes - (150) = 0.50 II mm (220) O.164 II m (415) 0.065 Dim

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De Lindley (Veg. King.) 1846. p. 427 arranges. the Ramuculaceae as follows. I Clematia. Calyx valvate or induplicate. Clematis. S. abragene De. haravela De. It anemoural Cali usually coloret, in arstivation un bricated, acheria 1-seeded, tailed Seed invented Crestorhynchaitutt. Thalichrum Town ansmone Hal (Pubalitla Lourn) Hepatica Dell. Knowflowie Jahis Hamadoyas Commers, Hydrastis Lin. adonis Sill Callianthemen C. A.Mr. Myosurul Dill. aphanosterma St. Het. III. Kannuculeac. Calyx in aestwation imbricated achenia without Land, Seed Erret. Casalea St. Wil. Rammoulus. S. Ceratoceptatus I. Ficaria Dill. Oxygraphis Bung. Il Hetteborear. Cal. in aestiv. unbricated. Fruit Calka. Follies Argemones Eranthis Hellebooms Isopyrum Enemion Ref. Coptis. Salist. Faridetta mørtla. agnitegia drephinima. Acomtima K. Cal. Evbound imbricated. Fruit succutent Frankviltena 7 Mm, actaca S. Botrophis Raf. Pityrosproma . achnospora . Cunicifulas. Xanthorships Podophy Elm. S. MISSOURI

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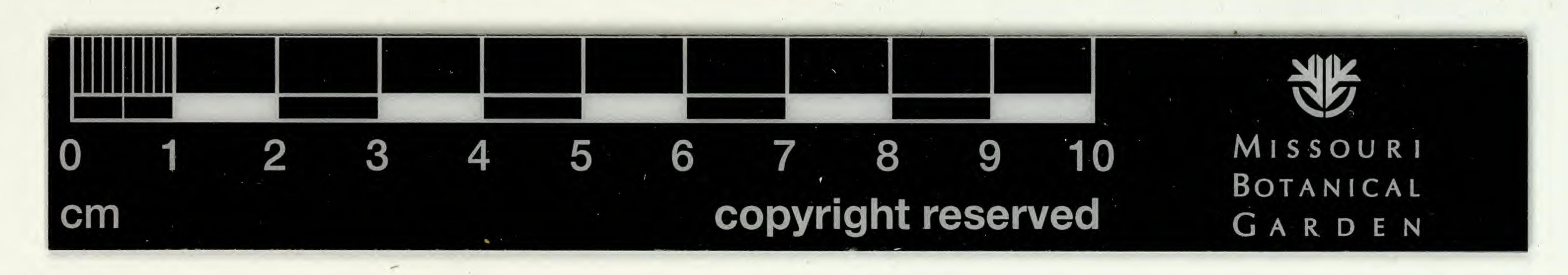
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The Lenera in Erays Mucunal may be accordance both Lindby. Hous: - J.M. Calyxvalvate er induplicale. Clemati atragens) Calyx imbricated. Fruit om achenium. I sudrd. Seed inverted achemia Tailed. Quemourae Aydrashis myosum. Seed Ered. taibless - Rammenleac. Fruit a many seeded folliele Helliborrae Coptis, Frollins, Culta aquiligia Isopyrum. Delphinnin acorditum. Artleborns. Fruit succentent, indehiscent, actatione Podophyllin Octav Kenthorihja Transviteria cimicifuça. MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS MISSOURI 6 BOTANICAL

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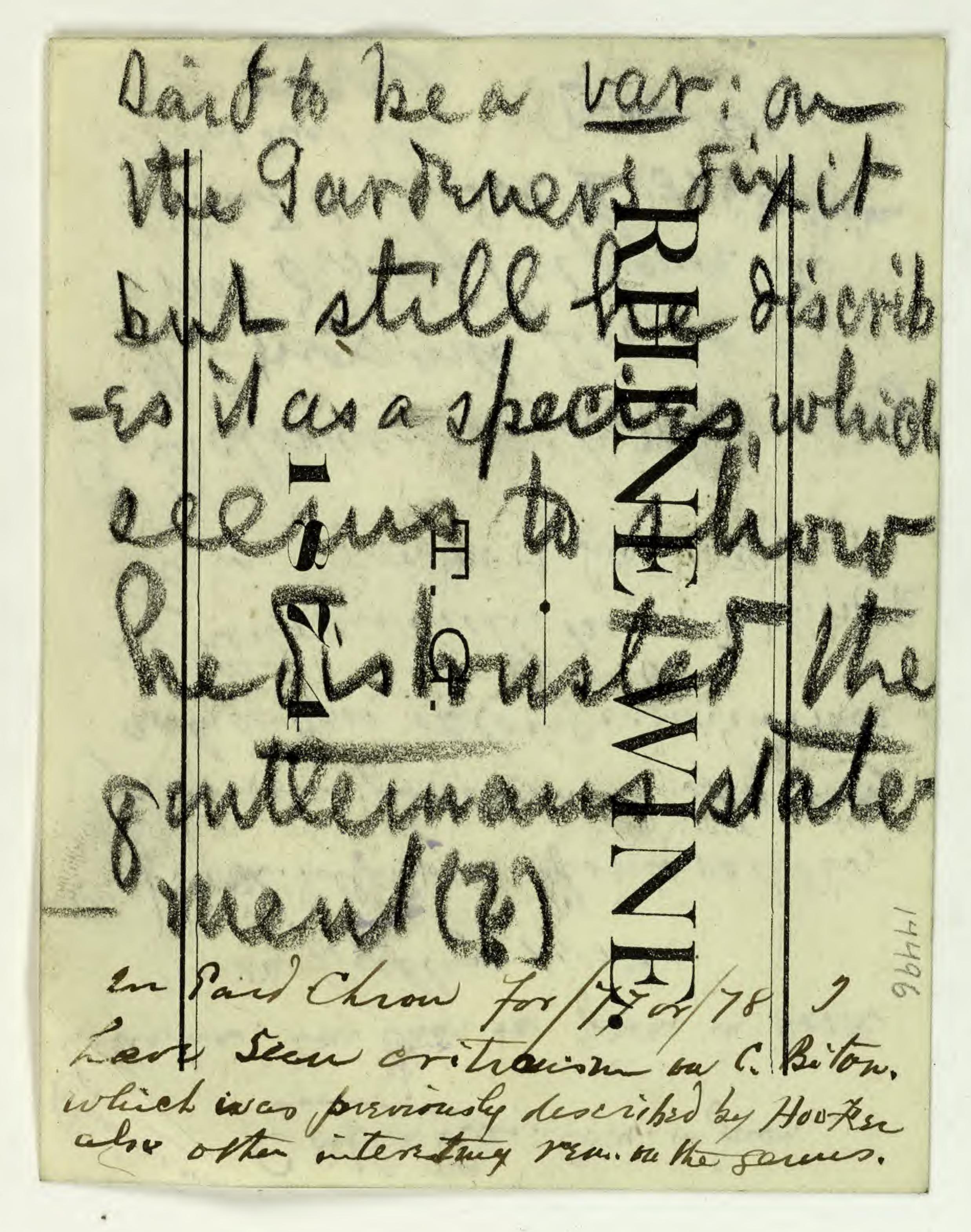
Eine interessante form diror huwandling sei noch hesonders rrwährt nämlich der Esquannte Feigen affel oder Poumier de Sant-Vallery Tyrus divica Willd, sine sigenthimbiche abnorme. Varietät des serveroren aptelbammer Lyrus Malus. Bei ifm find die Blumen blätten zurückzugungten auf die Llufe du Kelchblatter; d.h. zie haben 





Colletia. Com. in Juss. Colletia, Leu Char, to Juan in Hook C. frrox. Eller 4000. Spinis validis, Honn Lascicules Spansis auteur oblorege Japhin Traccis autherio en brellihous, Tabl. 44. B. Fig mi Jour. Hort. Sue. I. 31. C. Richoniceusis, Lind, a variety of Chrox with flat leave, Ex Miller Lier Shoday.







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St. Louis, December, 1877.

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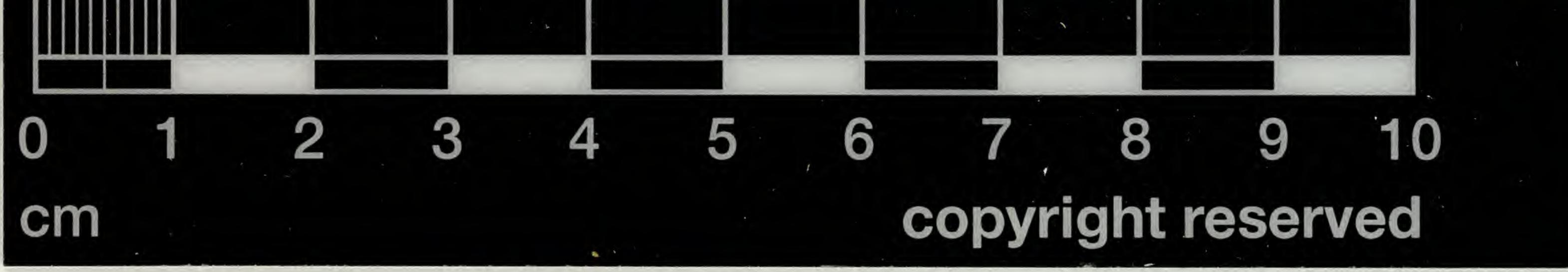
CHEW & HARNESS, Publishers.



Steights knowstrous apple. DEC. 18 th Sunday last I Examined the apples Sent by Drof. Leigh + as nearly as I can realled they presented the following peculiaretire The apples own IAS Small Labout 1/2 in d'am. \_ I coule hol detect two cons- there was only one set of 5(?) ovaries-which the cells of which were timear. I not Containing Leeds + were about Jeed - The upper portion of both (?) apples was worm Ealen So that their heary have been traces of the ripper 10 overing which over not showerd. MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

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MISSOURI BOTANICAL GARDEN The Leigh. Brooklyny Scully or Doghead apple moustinity vide letter of Harleigh June 2/76 The above skeleties were made from spee. inclosed in the letter, after having roaded them



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MISSOURI BOTANICAL GARDEM GEORGE ENGELMANN PAPERS MISSOURI BOTANICAL copyrignt reserved cm GARDEN

De Leighs Minstrons apples de Eray (Syst & the Bol) (p-233) Says
in a footnote, -xx hor apple-hus in ashburnham, mass, annally produce flowers in which the petals are uplaced by 5 Johnaceous Lodies like the sepals & in place of Stamens There are len Separate + accessory pistels, userted on the throat of thet dalys. For an instance of this case t for a good duite of speanueres Law indested to 252 Leight Joursond Mass. deinent Him om hun hoeftene uge fir hegy fet fre gunt me will mit his he beine -The factor of the first warmen and the company of the first of the factor of the . How of surren and gainmentaly depends to to the sure to your de matie blancy our estroy d'in soldin ser les des de destants non fl has soft with the property successful the property of the prop FIRST THE THE THE SWID BY RENDER AND THE LINE WAS TO BE SURVEY. There Deriver of the Language Language and the state of the second and the state of the second and the second a TOTAL BENEFIT THE LOS OF THE STATE OF THE ST grig di Wall-torden ber bei verez est blanden bei gent gent MISSOURI

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